	TABLE 13.10.020(c)				
	Type of Building, Structure or Use	<b>Equivalent Dwelling Units</b>			
(1)	Each space of a trailer court or mobilehome park	1.00			
(2)	Each duplex	2.00			
(3)	Each separate apartment in an apartment house	1.00			
(4)	Each housing accommodation designed for occupancy by a single person or one family, irrespective of the number actually occupying such accommodation	1.00			
(5)	Each room of a lodginghouse, boardinghouse, hotel, motel or other multiple dwelling designed for sleeping accommodations for one or more individuals  ◆ Without cooking facilities  ◆ With cooking facilities	0.60 1.00			
(6)	Churches, theaters and auditoriums, per each unit of seating capacity (a unit being one hundred fifty persons or any fraction thereof)	1.33			
(7)	Restaurants:	2.67 2.67 plus 1.00 per each 7 seats or fraction thereof			
	Delicatessen or fast food, using only disposable tableware:  ◆ No seating  ◆ Seating	2.67 2.67 plus 1.00 per each 21 seats or fraction thereof			
(8)	<ul> <li>Automobile service stations:</li> <li>♦ Not more than four gasoline pumps</li> <li>♦ More than four gasoline pumps</li> </ul>	2.00 3.00			
(9)	Self-service laundries, per each washer	0.75			

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	TABLE 13.10.020(c)	
	Type of Building, Structure or Use	<b>Equivalent Dwelling Units</b>
(10)	Office space in industrial or commercial establishments not listed above and warehouses	Divide the gross floor area of the building in square feet by 1800
(11)	Schools:  ◆ Elementary Schools: For each sixty pupils or fraction thereof  ◆ Junior High Schools: For each fifty pupils or fraction thereof  ◆ High Schools: For each thirty pupils or fraction thereof	1.00 1.00 1.00

(12) In the case of all commercial, industrial and business establishments not included in subdivisions 1 through 10, inclusive, of this subsection the number of equivalent dwelling units shall be determined in each case by the city engineer and shall be based upon his estimate of the volume and type of wastewater to be discharged into the sewer. The provisions of Chapter 13.16 shall apply to all cases under this subsection and an industrial waste permit shall be required. Any such permit, issued for any use hereunder, shall include a specific volume of sewage authorized for such use. If said amount is exceeded, it shall be grounds for revocation of this permit.

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(NOT SO)

# BRIEF GUIDE OF VEHICULAR TRAFFIC GENERATION RATES FOR THE SAN DIEGO REGION



401 B Street, Suite 800 San Diego, California 92101 (619) 595-5300 · Fax (619) 595-5305

#### APRIL 2002

NOTE: This listing only represents a *guide* of average, or estimated, traffic generation "driveway" rates and some very general trip data for land uses (emphasis on acreage and building square footage) in the San Diego region. These rates (both local and national) are subject to change as future documentation becomes available, or as regional sources are updated. For more specific information regarding traffic data and trip rates, please refer to the San Diego Traffic Generators manual. Always check with local jurisdictions for their preferred or applicable rates.

AGRICULTURE (Open Space) [80:18:2]	OUR % (plus IN:OUT ratio) .M. Between 3:00-6:30 P.M.	TRIP LENGTH (Miles) <sup>t</sup>
AIRPORT [78-20-2] Commercial General Aviation (Face)	<del></del>	
Commercial		10.8
Commercial Go/acre, 100/flight, 70/1000 sq. ft."   5%   (6.4)		12.5
General Aviation	6% (5:5)	12.5
AUTOMOBILE*   Car Wash	15% (5:5)	
Car Wash   Automatic   S00/site, 600/scre"   4%   555   Self-serve   Gasoline   [21:51:28]   100/wash stall"   4%   555   Gasoline   [21:51:28]   100/wash stall"   7%   555   Gasoline   7%   7%   755	132 (3.3)	
Car Wash Automatic 900/site, 600/scre" 4% [55] Self-serve 625-leave 100/wash stall" 4% [55] Gest-serve 100/wash stall" 4% [55] Gest-serve 100/wash stall" 7% [55] Gest-serve 100/wash stall" 7% [55] Gest-serve 100/wash stall" 7% [55] Gest-serve 100 Mart & Car Wash 155/vehicle fueling space 7% [55] Older Service Station Design 156/vehicle fueling space 900/station 7% [55] Older Service Stall on Design 150/vehicle fueling space 900/station 7% [55] Older Service Stall on Design 150/vehicle fueling space 900/station 7% [55] Auto Repair Center 20/1000 sq. ft. 400/scre, 20/service stall 8% [73] Auto Repair Center 20/1000 sq. ft. 400/scre, 20/service stall 7% [64] 7% [64		
Automatic Self-serve   100/wsh stall**   4% (5:5) Gasoline   [21:51:28]   100/wsh stall**   180/whicle fueling space**   7% (5:5)   180/whice fueling space**   180/whice fueling spac		
Self-serve   100/wash stall*   34% (5.5)	9% (5:5)	
Gasoline   (21.51:28)	8% (5:5)	
with/Food Mart & Car Wash   160/vehicle fueling space"   7% (5.5)   with/Food Mart & Car Wash   155/vehicle fueling space"   7% (5.5)   Older Service Station Design   150/vehicle fueling space 900/station"   7% (5.5)   Sales (Doaler & Repair)   50/1000 sq. ft. 300/carce 80/service stall"   5% (7.3)   Auto Repair Center   20/1000 sq. ft. 400/carce, 20/service stall"   7% (6.4)   Auto Parts Sales   60/1000 sq. ft. 400/carce, 20/service stall"   7% (6.4)   Tire Store   25/1000 sq. ft. 30/service stall"   7% (6.4)    EMETERY   5/care*    HURCH (or Synagogue)   64.25:11]   9/1000 sq. ft. 30/service stall"   7% (6.4)    EMETERY   5/care*    HURCH (or Synagogue)   64.25:11]   9/1000 sq. ft. 30/service stall"   7% (6.4)    EMMERICIAL/RETAL!   5/care*   7/care*   7	, , , , , , , , , , , , , , , , , , ,	2.8
With/Food Mart & Car Wash   155/vehicle fueling space."   8% (5.5)   10der Service Station Design   156/vehicle fueling space. 300/station"   7% (5.5)   7.3]   7	8% (5:5)	
Didder Service Station Design   150/vehicle fueling space, 900/station"   7% (6.5)   Sales (Dalet & Repair)   50/1000 sq. ft. 300/acre, 800/service stall"   5% (7.3)   Auto Ratis Sales   60/1000 sq. ft. 400/acre, 20/service stall"   7% (6.4)   Tire Store   25/1000 sq. ft. 30/service stall"   7% (6.4)   EMETERY   5/acre*   5/acre*   HURCH (or Synagogue)   [64:25:11]   9/1000 sq. ft. 30/service stall"   7% (6.4)    EMMERCIAL/RETAL!   5/acre*   5/acre*   4% (7.3)    Super Regional Shopping Center   35/1000 sq. ft. 400/acre*   4% (7.3)   (More than 80 acres, more than 800.000 sq. ft. wusually 3+ major stores)   80/1000 sq. ft. 500/acre*   4% (7.3)   (40-80acres, 400.000-800.000 sq. ft. wusually 3+ major stores)   80/1000 sq. ft. 700/acre*   4% (6.4)   (19-80acres, 400.000-800.000 sq. ft. wusually 2+ major stores)   47.3   (19-80acres, 125.000-400.000 sq. ft. wusually 2+ major stores)   47.5   (19-80acres, 125.000-400.000 sq. ft. wusually 2+ major stores)   47.5   (19-80acres, 125.000-400.000 sq. ft. wusually 2+ major stores)   47.5   (19-80acres, 125.000-400.000 sq. ft. wusually grocery   4% (6.4)   (19-80acres, 125.000-400.000 sq. ft.   4% (6.4)   (19-80acres, 125.000-800.000 sq. ft.   4% (6.4)   (19-80acres, 125.000-800.0000 s	9% (5:5)	
Sales (Dealer & Repair) Auto Repair (Center 20/1000 sq. ft. 400/acre, 20/service stall" 5% [7:3] Auto Parts Sales 60/1000 sq. ft. " 40/service stall" 7% (6:4) Tire Store 25/1000 sq. ft. 30/service stall" 7% (6:4)  EMETERY 5/acre* HURCH (or Synagogue) [64:25:11] 9/1000 sq. ft., 30/service stall" 7% (6:4)  EMETERY 5/acre*  HURCH (or Synagogue) [64:25:11] 9/1000 sq. ft., 30/service stall" 7% (6:4)  EMETERY 5/acre*  HURCH (or Synagogue) [64:25:11] 9/1000 sq. ft., 30/service stall" 7% (6:4)  EMETERY 5/acre*  HURCH (or Synagogue) [64:25:11] 9/1000 sq. ft., 400/acre* 4% (7:3)  EMETERY 5/acre*  HURCH (or Synagogue) [64:25:11] 50/1000 sq. ft., 500/acre* 4% (7:3)  EMETERY 5/acre*  Super Regional Shopping Center 7/as (7:3)  EMETERY 5/acre* 400/acre* 4% (7:3)  EMETERY 5/acre* 400/acre* 4% (7:3)  EMETERY 6/acre* 50/1000 sq. ft., 700/acre* 4% (7:3)  EMETERY 5/acre* 400/acre* 4% (6:4)  EMETERY 6/acre* 50/1000 sq. ft., 700/acre* 4% (6:4)  EMETERY 5/acre* 50/1000 sq. ft., 700/acre* 4% (6:4)  EMETERY 6/acre* 50/1000 sq. ft., 700/acre* 7/acre* 50/acre* 4% (6:4)  EMETERY 6/acre* 50/acre* 50/acre* 4% (6:4)  EMETERY 6/acre* 50/acre* 50/acre* 50/acre* 4% (6:4)  EMETERY 6/acre* 50/acre* 50/acre* 50/acre* 4% (6:4)  EMETERY 6/acre* 50/acre* 50/acre* 7/acre* 50/acre* 50/acre* 7/acre* 50/acre* 50/a	9% (5:5)	
Auto Rapair Center 60/1000 sq. ft. 400/acre. 20/service stall* 8% (7.3) Auto Parts Sales 60/1000 sq. ft. 30/service stall* 7% (6.4) Tire Store  EMETERY  #URCH (or Synagogue)	8% (4:6)	
Auto Parts Sales  Quick Luble Tire Store  40/service stall''  5/acre'  HURCH (or Synagogue)	11% (4:6)	
Quick Lube   40/service stall"   7%   (6.4)	10%	
### EMETERY    5/acre	10% (5:5)	
### HURCH (or Synagogue) [64:25:11] 9/1000 sq. ft., 30/acre** (quadruple rates for Sunday, or days of assembly)  **OMMMERCIAL/RETAR!**  Super Regional Shopping Center (More than 80 acres, more than 800,000 sq. ft., w/usually 3+ major stores)  Regional Shopping Center [54:35:11] 50/1000 sq. ft., 500/acre* 4% (7:3)  Regional Shopping Center [47:31:22] 50/1000 sq. ft., 700/acre** 4% (6:4)  **Institute of the state of the	11% (5:5)	
OMMERCIAL/RETAIL*  Super Regional Shopping Center (More than 80 acres, more than 800,000 sq. ft., w/usually 3+ major stores)  Regional Shopping Center		
DMMERCIAL/RETAIL*   Super Regional Shopping Center   35/1000 sq. ftº 400/acre*   4% (7:3)	8% (5:5)	5.1
Super Regional Shopping Center (More than 80 acres, more than 80		
Super Regional Shopping Center (More than 80 acres, more than 80 a		
More than 80 acres, more than 800.000 sq. ft., w/usually 3+ major stores)   Segional Shopping Center	10% (5:5)	
800.000 sq. ft., w/usually 3+ major stores) Regional Shopping Center		
Regional Shopping Center		
Regional Shopping Center		
40-80acres. 400,000-800,000   sq. ft., w/usually 2+ major stores   47:31:22   80/1000 sq. ft., 700/acre* " 4% (6:4)	9% (5:5)	5.2
Sq. ff., w/usually 2+ major stores)  Community Shopping Center	3 A (3.5)	
Community Shopping Center		
\$\text{\te	10% (5:5)	3.6
w/usually 1 major store, detached restaurant(s), grocery and drugstore) Neighborhood Shopping Center 120/1000 sq. ft., 1200/acre*** 4% (6:4) (Less than 15 acres, less than 125,000 sq. ft., w/usually grocery 6 drugstore, cleaners, beauty & barber shop. 6 fast food services) Commercial Shops	10% (3.5)	<b></b>
restaurant(s), grocery and drugstore)  Neighborhood Shopping Center (Less than 15 acres, less than 1 125,000 sq. ft., 1200/acre* " 4% (6:4) (6:4) (1:4) (1:5		
Neighborhood Shopping Center   120/1000 sq. ft., 1200/acre* "		
(Less than 15 acres, less than 125,000 sq. ft., w/usually grocery 8 drugstore, cleaners, beauty & barber shop. 6 fast food services)  Commercial Shops	10% (5:5)	
125,000 sq. ft., w/usually grocery & drugstore, cleaners, beauty & barber shop. & do services)  Commercial Shops	10% (3.5)	
## drugstore, cleaners, beauty & barber shop. ## fast food services	•	
## fast food services		
April		
Specialty Retail/Strip Commercial		
Electronics Superstore   50/1000 sq. ft."   3   7:3   7:3   50/1000 sq. ft."   3   7:3   50/1000 sq. ft."   4   7:3   50/1000 sq. ft."   50/1000 sq. ft."   5:5	9% (5:5)	4.3
Factory Outlet 40/1000 sq. ft." 3% (7:3) Supermarket 150/1000 sq. ft. 2000/acre" 4% (7:3) Drugstore 90/1000 sq. ft." 4% (7:3) Convenience Market (15-16 hours) 500/1000 sq. ft." 8% (5:5) Convenience Market (24 hours) 700/1000 sq. ft." 9% (5:5) Convenience Market (w/gasoline pumps) 850/1000 sq. ft. 550/vehicle fueling space" 6% (5:5) Discount Club 60/1000 sq. ft. 600/acre" 1% (7:3) Discount Store 60/1000 sq. ft. 600/acre" 3% (6:4) Furniture Store 6/1000 sq. ft. 150/acre" 4% (7:3) Lumber Store 30/1000 sq. ft. 150/acre" 7% (6:4) Home Improvement Superstore 40/1000 sq. ft. 560/acre" 5% (6:4)	10% (5:5)	
Supermarket   150/1000 sq. ft., 2000/acre*	9% (5:5)	
Drugstore         90/1000 sq. ft."         4% (6:4)           Convenience Market (15-16 hours)         500/1000 sq. ft."         8% (5:5)           Convenience Market (24 hours)         700/1000 sq. ft."         9% (5:5)           Convenience Market (w/gasoline pumps)         850/1000 sq. ft., 550/vehicle fueling space"         6% (5:5)           Discount Club         60/1000 sq. ft., 600/acre"         1% (7:3)           Discount Store         60/1000 sq. ft., 600/acre"         3% (6:4)           Furniture Store         6/1000 sq. ft., 100/acre"         4% (7:3)           Lumber Store         30/1000 sq. ft., 150/acre"         7% (6:4)           Home Improvement Superstore         40/1000 sq. ft."         5% (6:4)	10% (5:5)	
Convenience Market (15-16 hours)         500/1000 sq. ft."         8%         (5:5)           Convenience Market (24 hours)         700/1000 sq. ft., 550/vehicle fueling space"         6%         (5:5)           Convenience Market (w/gasoline pumps)         850/1000 sq. ft., 550/vehicle fueling space"         6%         (5:5)           Discount Club         60/1000 sq. ft., 600/acre"         1%         (7:3)           Discount Store         60/1000 sq. ft., 600/acre"         3%         (6:4)           Furniture Store         6/1000 sq. ft., 150/acre"         4%         (7:3)           Home Improvement Superstore         40/1000 sq. ft., 150/acre"         5%         (6:4)	10% (5:5)	
Convenience Market (24 hours)   700/1000 sq. ft.**   9%   (5:5)	8% (5:5)	
Convenience Market (w/gasoline pumps) 850/1000 sq. ft., 550/vehicle fueling space** 6% (5:5)  Discount Club 60/1000 sq. ft., 600/acre* 1% (7:3)  Discount Store 60/1000 sq. ft., 600/acre* 3% (6:4)  Furniture Store 6/1000 sq. ft., 100/acre** 4% (7:3)  Lumber Store 6/1000 sq. ft., 150/acre* 7% (6:4)  Home Improvement Superstore 40/1000 sq. ft.* 550/acre* 5% (6:4)	7% (5:5)	
Discount Club         60/1000 sq. ft., 600/acre* " 1% (7:3)           Discount Store         60/1000 sq. ft., 600/acre* 3% (6:4)           Furniture Store         6/1000 sq. ft., 100/acre* 4% (7:3)           Lumber Store         30/1000 sq. ft., 150/acre* 7% (6:4)           Home Improvement Superstore         40/1000 sq. ft.* 50/acre* 5% (6:4)	7% (5:5)	*
Discount Store       60/1000 sq. ft., 600/acre**       3%       (6:4)         Furniture Store       6/1000 sq. ft., 100/acre**       4%       (7:3)         Lumber Store       30/1000 sq. ft., 150/acre**       7%       (6:4)         Home Improvement Superstore       40/1000 sq. ft.**       5%       (6:4)	9% (5.5)	
Furniture Store 6/1000 sq. ft., 100/acre** 4% (7:3)  Lumber Store 30/1000 sq. ft., 150/acre** 7% (6:4)  Home Improvement Superstore 40/1000 sq. ft.** 5% (6:4)	8% (5:5)	
Lumber Store       30/1000 sq. ft., 150/acre**       7% (6:4)         Home Improvement Superstore       40/1000 sq. ft.**       5% (6:4)	9% (5.5)	
Home Improvement Superstore 40/1000 sq. ft." 5% (6:4)	9% (5:5)	
	8% (5:5)	•
Hardware /Paint Store 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 10 50/100 50 50/100 50 50/100 50 50/100 50		
	9% (5:5)	
Garden Nursery 40/1000 sq. ft., 90/acre* 3% (6:4)	10% (5:5)	
Aixed Use: Commercial (w/supermarket)/Residential f110/1000 sq. ft., 2000/acre* (commercial only) 3% (6:4) 5/dwelling unit, 200/acre* (residential only) 9% (3:7)	9% (5:5) 13% (6:4)	

LAND USE	TRIP CATEGORIES PRIMARY:DIVERTED:PASS-BY]*	ESTIMATED WEEKDAY VEHICLE TRIP GENERATION RATE (DRIVEWAY)	_		R % (plus IN:0 Between 3:00		TRIP LENGTH
EDUCATION	(91·9·A)	2.4/student, 100 acre*	10%	(8:2)	9%		8.9
University (4 years)	[92.7.1]	1.2/student, 24/1000 sq. ft., 120/acre* **	12%	(8:2)	9%	(6:4)	9.0
Junior College (2 years)	[32.7.1]	1.3/student, 15/1000 sq. ft., 60/acre* **	20%	(7:3)	10%	(4:6)	4.8
High School	(62.75.121	1.4/student, 12/1000 sq. ft. 50/acre**	30%	(6:4)	9%	(4:6)	5.0
Middle/Junior High	[03.23.12]	1.6/student, 14/1000 sq. ft., 90/acre* **	32%	(6:4)	9%	(4:6)	3.4
Elementary	[20.50.14]	5/child, 80/1000 sq. ft."	17%	(5:5)	18%	(5:5)	3.7
Day Care		5/cma, 66/1000 34. 10.					3.4
FINANCIALS	[35:42:23]		. 40	(7.2)	8%	(4:6)	<b>.</b>
Bank (Walk-In only)		150/1000 sq. ft., 1000/acre* **	4%	(7:3) (6:4)	10%	(5:5)	
with Drive-Through		200/1000 sq. ft., 1500/acre*	5%	• • •	13%	(5:5)	
Drive-Through only		250 (125 one-way)/lane*	3%	(5:5)	9%	(3.5)	
Savings & Loan		60/1000 sq. ft., 600/acre**	2%		15%		
Drive-Through only		100 (50 one-way)/lane**	4%		. 13%		
HOSPITAL	[73:25:2]			47.01	108	(4:6)	8.3
General	· -	20/bed, 25/1000 sq. ft., 250/acre*	8%	(7:3)	10% 7%	(4:6) (4:6)	
Convalescent/Nursing		3/bed**	7%	(6:4)	/70	17.0/	
INDUSTRIAL			400	(0.2)	12%	(2:8)	9.0
Industrial/Business Park (comm	ercial included)	16/1000 sq. ft., 200/acre* **	12%	(8:2)	12%	(2:8)	•
Industrial Park (no commercial)		8/1000 sq. ft., 90/acre**	11%	(9:1)		· :	11.7
Industrial Plant (multiple shifts).	[92:5:3]	10/1000 sq. ft., 120/acre*	14%	(8:2)	15%		, , , ,
Manufacturing/Assembly		4/1000 sq. ft., 50/acre**	19%	(9:1)	20%	(2:8)	
Warehousing		5/1000 sq. ft., 60/acre**	13%	(7:3)	15%	(4:6)	
Storage		2/1000 sq. ft., 0.2/vault, 30/acre*	6%	(5:5)	9%	(5:5)	
Science Research & Develop	ment	8/1000 sq. ft., 80/acre*	16%	(9:1)	14%	(1:9)	
Landfill & Recycling Center	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	6/acre	11%	(5:5)	10%	(4:6)	
					4.0#	/E.E1	3.9
LIBRARY	[44:44:12]	50/1000 sq. ft., 400/acre**	2%	(7:3)	10%	(5:5)	
LODGING	(58:38:41					.1	7.6
Hotel (w/convention facilities/resta		10/occupied room, 300/acre	6%	(6:4)	8%	(6:4)	
Motel		9/occupied room, 200/acre*	8%	(4:6)	9%	(6:4)	
Resort Hotel		8/occupied room, 100/acre*	5%	(6:4)	7%	(4:6)	
Business Hotel		7/occupied room**	8%	(4:6)	9%	(6:4)	
MILITARY	[82:16:2]	2.5/military & civilian personnel*	. 9%	(9:1)	10%	(2:8)	11.2
OFFICE		•					9.0
Standard Commercial Office	[77:19:4]	20/1000 sq. ft.,º 300/acre*	14%	(9:1)	13%	(2:8)	8.8
(less than 100,000 sq. ft.)		17/1000 sq. ft.,º 600/acre*	13%	(9:1)	14%	(2:8)	10.0
	Office[82:15:3]	177 1000 Sq. N., 0007 acre	, , ,	(=,			
(more than 100,000 sq. ft.,		12/1000 sq.ft., 200/acre* **	13%	(9:1)	13%	(2:8)	
Office Park (400,000+ sq. ft.	•	14/1000 sq. ft., 180/acre*	15%	(9:1)	15%	(2:8)	8.8
Single Tenant Office		7/1000 sq. ft., 110/acre*	17%	(9:1)	16%	(1:9)	
Corporate Headquarters	[50:34:16]	30/1000 sq. ft."	9%	(9:1)	12%	(3:7)	6.0
		00, 1000 04				*	
Post Office Central/Walk-In Only		90/1000 sq. ft.**	5%		7%		
	ail drop lace)	200/1000 sq. ft., 1300/acre*	6%	(6:4)	9%	(5:5)	
Community (not including m		300/1000 sq. ft., 2000/acre*	7%	(5:5)	10%	(5:5)	-
Community (w/mail drop lan	16)	1500 (750 one-way)/lane*	7%	(5:5)	12%	(5:5)	
Mail Drop Lane only		180/1000 sq. ft., 900/acre**	6%	(6:4)	10%	(4:6)	
Department of Motor Vehicle Medical-Dental	(60:30:10)	50/1000 sq. ft., 500/acre*	6%	(8:2)	11%	(3:7)	6.4
PARKS	•		4%		8%		5.4
City (developed w/meeting ro	nome and coarte facilities)	50/acre*	13%	(5:5)	9%	(5:5)	
	roma and aporta lacilities)	20/acre*					
Regional (developed)	oned)	5/acre (add for specific sport uses), 6/picnic site* **					
Neighborhood/County (undevelopment	oped;	1/acre, 10/picnic site**					
State (average 1000 acres) Amusement (Theme)		80/acre, 130/acre (summer only)**			6%	(6:4)	v
Amusement (Ineme) San Diego Zoo		115/acre*					

	TRIP CATEGORIES ARY:DIVERTED:PASS-BYJ*	ESTIMATED WEEKDAY VEHICLE TRIP GENERATION RATE (DRIVEWAY)			JR % (plus IN W. Between 3:		TRIP LENGT
RECREATION							6.3
Beach, Ocean or Bay	[52:39:9]	600/1000 ft. shoreline, 60/acre*					0.3
Beach, Lake (fresh water)		50/1000 ft. shoreline, 5/acre*		47.00	110	(4.6)	
Bowling Center		30/1000 sq. ft., 300/acre, 30/lane **	7%	(7:3)	11% 8%	(4:6)	
Campground		4/campsite**	4%	10.0		(3:7)	
Golf Course		7/acre, 40/hole, 700/course* **	7%	(8:2)	9%	• •	
Driving Range only		70/acre, 14/tee box*	3%	(7:3)	9%		
Marinas		4/berth, 20/acre* **	3%	(3:7)	7%	(6:4)	
Multi-purpose (miniature golf, video	o arcade, batting cage, etc.)	90/acre	2%	40.41	6%	(6.4)	
Racquetball/Health Club		30/1000 sq. ft., 300/acre, 40/court*	4%	(6:4)	9%	(6:4)	
Tennis Courts		16/acre. 30/court**	5%		11%	(5:5)	
Sports Facilities							
Outdoor Stadium		50/acre, 0.2/seat*					
Indoor Arena		30/acre, 0.1/seat*					
Racetrack		40/acre, 0.6 seat*	1/24			40.41	6.1
Theaters (multiplex w/matinee)	[66:17:17]	80/1000 sq. ft., 1.8/seat, 360/screen*	1/3%		8%	(6:4)	0.1
RESIDENTIAL	[86:11:3]						7.9
Estate, Urban or Rural		12/dwelling unit**	8%	(3:7)	10%	(7:3)	
(average 1-2 DU/acre)							
Single Family Detached		10/dwelling unit**	8%	(3:7)	10%	(7:3)	
(average 3-6 DU/acre)		•					
Condominium		8/dwelling unit **	8%	(2:8)	10%	(7:3)	
(or any multi-family 6-20 DU/acre	1						
Apartment	•	6/dwelling unit**	8%	(2.6)	9%	(7.3)	
(or any multi-family units more that	an 20 DU/acre)	•					
Military Housing (off-base, multi-famil							
(less than 6 DU/acre)		8/dwelling unit	7%	(3:7)	9%	(6:4)	
(6-20 DU/acre)		6/dwelling unit	7%	(3:7)	9%	(6:4)	
Mobile Home						40.41	
Family		5/dwelling unit, 40/acre*	8%	(3:7)	11%	(6:4)	
Adults Only		3/dwelling unit. 20/acre*	9%	(3:7)	10%	(6:4)	
Retirement Community		4/dwelling unit**	5%	(4:6)	7%	(6.4)	
Congregate Care Facility		2.5/dwelling unit**	4%	(6:4)	8%	(5:5)	
RESTAURANTS	(51:37:121						4.7
Quality		100/1000 sq. ft., 3/seat, 500/acre* **	1%	(6:4)	8%.	(7:3)	
Sit-down, high turnover		160/1000 sq. ft., 6/seat, 1000/acre* **	8%	(5:5)	8%	(6:4)	
Fast Food (w/drive-through)		650/1000 sq. ft., 20/seat, 3000/acre* **	7%	(5:5)	7%	(5:5)	
Fast Food (without drive-through)		700/1000 sq. ft.**	5%	(6.4)	7%	(5:5)	
Delicatessen (7am-4pm)		150/1000 sq. ft., 11/seat*	9%	(6:4)	3%	(3:7)	
TRANSPORTATION Bus Depot		25/1000 sq. ft.**					
Truck Terminal		10/1000 sq. ft., 7/bay, 80/acre**	9%	(4:6)	8%	(5:5)	
Waterport/Marine Terminal		170/berth, 12/acre**					
Transit Station (Light Rail w/parking)		300/acre, 21/2/parking space (4/occupied)**	14%	(7:3)	15%	(3:7)	
Park & Ride Lots		400/acre (600/paved acre).	14%	(7:3)	15%	(3:7)	
raik a nius cors		(5/parking space (8/occupied)* **					
		1 of beruma abace tot accebiont					

<sup>\*</sup> Primary source: San Diego Traffic Generators.

DIVERTED - linked trip (having one or more stops along the way to a primary destination) whose distance compared to direct distance ≥ 1 mile. PASS-BY - undiverted or diverted < 1 mile.

- Fitted curve equation: Ln(T) = 0.502 Ln(x) + 6.945
   Fitted curve equation: Ln(T) = 0.756 Ln(x) + 3.950
   T = total trips, x = 1,000 sq. ft.
- \* Fitted curve equation: t = -2.169 Ln(d) + 12.85
- t = trips/DU, d = density (DU/acre), DU = dwelling unit

5		<1 mile] percentages for trip rate reductions online of local data/review and Other sources**):
	Regional Shopping Center	20%
	Commission	200

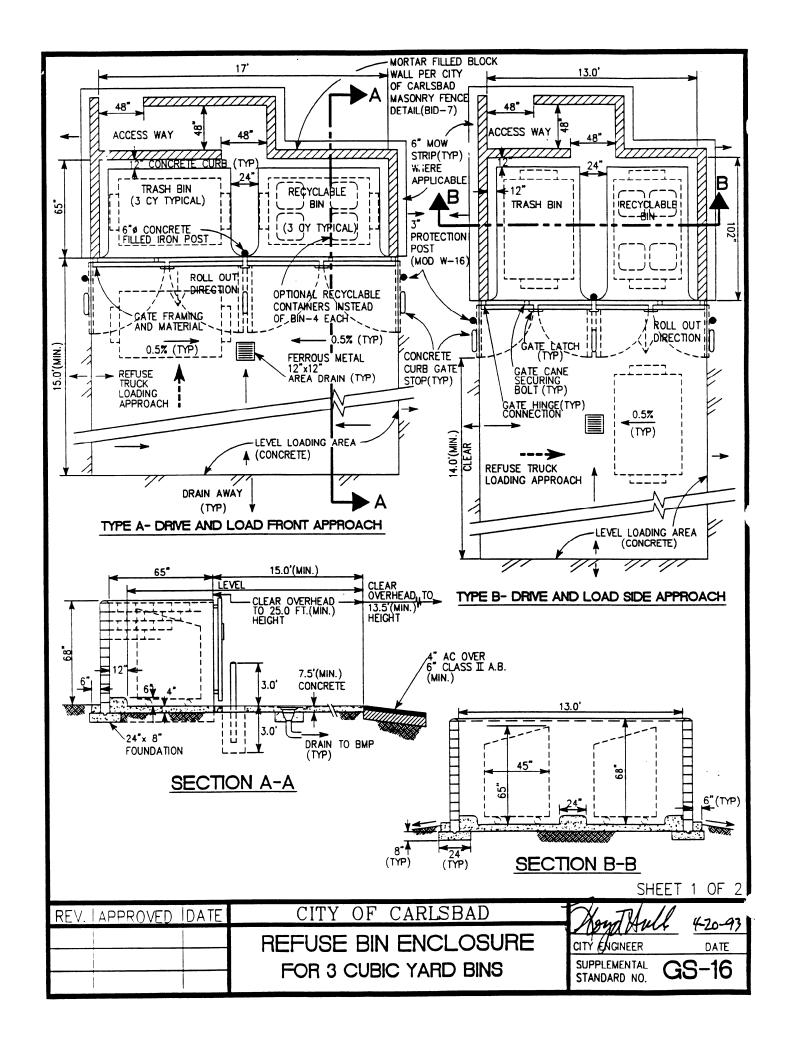
COMMERCIAL/RETAIL	
Regional Shopping Center	20%
Community "	30%
Neighborhood "	40%
Specialty Retail/Strip Commercial (other)	10%
Supermarket	40%
Convenience Market	50%
Discount Club/Store	30%
FINANCIAL	
Bank	25%
AUTOMOBILE	
Gasoline Station	50%
RESTAURANT	
Quality	10%
Sit-down high turnover	20%
Fast Food	40%

- nly Trip Reductions · In order to help promote regional "smart growth" policies. and acknowledge San Diego's expanding mass transit system, consider vehicle trip rate reductions (with proper documentation and necessary adjustments for peak periods). The following are some examples:
  - [1] A 5% daily trip reduction for land uses with transit access or near transit stations accessible within 1/4 mile.
  - [2] Up to 10% daily trip reduction for mixed-use developments where residential and commercial retail are combined (demonstrate mode split of walking trips to replace vehicular trips).

<sup>&</sup>quot; Other sources: ITE Trip Generation Report [6th Edition]. Trip Generation Rates (other agencies and publications), various SANDAG & CALTRANS studies, reports and estimates.

Trip category percentage ratios are daily from local household surveys, often cannot be applied to very specific land uses, and do not include non-resident drivers (draft SANDAG Analysis of Trip Diversion, revised November, 1990): PRIMARY - one trip directly between origin and primary destination.

Trip lengths are average weighted for all trips to and from general land use site. (All trips system-wide average length = 6.9 miles)



### NOTES:

- LOCATION OF REFUSE BIN ENCLOSURES SHALL BE APPROVED BY THE PLANNING DIRECTOR AND THE CITY ENGINEER. ENCLOSURE SHALL BE OF SIMILAR COLORS AND/OR MATERIALS AS THE PROJECT TO THE SATISFACTION OF THE PLANNING DIRECTOR.
- 2. THE ENCLOSURE SLAB AND LOADING AREA SHALL BE LEVEL IN ORDER TO FACILITATE THE ROLLING OF BINS FOR LOADING POSITIONING.
- 3. GATES SHALL BE MOUNTED SO THAT THEY SWING FULLY OPEN WITH NO PROTRUSION INTO THE PATH OF THE BIN. THE GATES SHALL HAVE CHAINS, HOOKS OR PIN STOPS AT THEIR FULL OPEN POSITION TO HOLD THEM OPEN.
- 4. ALL GATE CONNECTION LATCHES, SECURING BOLTS, FRAMING, AND HINGES SHALL BE HEAVY DUTY TYPE AND PAINTED OR TREATED AGAINST CORROSION.
- 5. GATE MATERIALS TO BE APPROVED BY PLANNING DIRECTOR.
- 6. POSITIVE DRAINAGE AWAY FROM THE ENCLOSURE AND LOADING AREAS SHALL BE PROVIDED AND MAINTAINED.
- 7. ALTERNATIVE CONFIGURATION AND LOCATION OF THE ACCESS WAY MAY BE ACCEPTABLE ON A CASE BY CASE BASIS PROVIDED NO PORTION OF THE TRASH BINS ARE DIRECTLY VISIBLE TO THE PUBLIC.
- 8. LOADING AND ENCLOSURE AREA DRAINAGE SHALL BE INDEPENDENT AND DRAINED TOWARDS AN APPROVED SITE BMP.
- DEVELOPMENT PROJECTS SHALL INCORPORATE THE REQUIREMENTS OF THE "MODEL ORDINANCE OF THE CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD RELATING TO AREAS FOR COLLECTING AND LOADING RECYCLABLE MATERIALS".
- 10. AREAS FOR RECYCLING SHALL BE ADEQUATE IN CAPACITY, NUMBER AND DISTRIBUTION TO SERVE THE DEVELOPMENT WHERE THE PROJECT OCCURS.
- 11. RECYCLING AREAS SHALL BE SECURED TO PREVENT THE THEFT OF RECYCLABLE MATERIALS BY UNAUTHORIZED PERSONS WHILE ALLOWING AUTHORIZED PERSONS ACCESS FOR DISPOSAL OF MATERIALS.
- 12. RECYCLING AREAS OR THE BINS AND CONTAINERS PLACED THEREIN MUST PROVIDE PROTECTION AGAINST SEVERE ENVIRONMENTAL CONDITIONS WHICH MIGHT RENDER THE COLLECTED MATERIALS UNMARKETABLE.
- 13. A SIGN CLEARLY IDENTIFYING ALL RECYCLING AND SOLID WASTE COLLECTION AND LOADING AREAS AND THE MATERIALS ACCEPTED THEREIN SHALL BE POSTED ADJACENT TO ALL POINTS OF ACCESS TO THE RECYCLING AREAS.
- 14. EACH RECYCLING AREA WITHIN A MULTI-FAMILY RESIDENTIAL DEVELOPMENT SHALL BE NO GREATER THAN 250 FEET FROM EACH LIVING UNIT.

SHEET 2 OF 2

REV. APPROVED DATE	CITY OF CARLSBAD	X and Hull 4-20-93
	REFUSE BIN ENCLOSURE	CITY ENGINEER DATE
	1.2. VOL B 1.102001	SUPPLEMENTAL CC-16
	FOR 3 CUBIC YARD BINS	STANDARD NO. 45-10

#### DISCLOSURE STATEMENT

Applicant's statement or disclosure of certain ownership interests on all applications which will require discretionary action on the part of the City Council or any appointed Board, Commission or Committee.

The following information MUST be disclosed at the time of application submittal. Your project cannot be reviewed until this information is completed. Please print.

2.

Person is defined as "Any individual, firm, co-partnership, joint venture, association, social club, fraternal organization, corporation, estate, trust, receiver, syndicate, in this and any other county, city and county, city municipality, district or other political subdivision or any other group or combination acting as a unit."

Agents may sign this document; however, the legal name and entity of the applicant and property owner must be provided below.

#### 1. **APPLICANT** (Not the applicant's agent)

Person\_\_\_

Provide the COMPLETE, LEGAL names and addresses of ALL persons having a financial interest in the application. If the applicant includes a corporation or partnership, include the names, title, addresses of all individuals owning more than 10% of the shares. IF NO INDIVIDUALS OWN MORE THAN 10% OF THE SHARES, PLEASE INDICATE NON-APPLICABLE (N/A) IN THE SPACE BELOW. If a publicly-owned corporation, include the names, titles, and addresses of the corporate officers. (A separate page may be attached if necessary.)

Corp/Part

Title	Title
Address	Address
OWNER (Not the owner's agent)	
	names and addresses of <u>ALL</u> persons having any nvolved. Also, provide the nature of the legal ownership
	mon, non-profit, corporation, etc.). If the ownership
includes a corporation or partnersh	ip, include the names, title, addresses of all individuals
owning more than 10% of the shar	res. IF NO INDIVIDUALS OWN MORE THAN 10% OF

THE SHARES, PLEASE INDICATE NON-APPLICABLE (N/A) IN THE SPACE BELOW. If a publicly-owned corporation, include the names, titles, and addresses of the corporate

Person	Corp/Part
Title	Title

officers. (A separate page may be attached if necessary.)

#### 3. NON-PROFIT ORGANIZATION OR TRUST

	organization or as trustee or benefi	•	
	Non Profit/Trust		
	Title	Title	_
	Address	Address	_
4.	Boards, Commissions, Committees	orth of business transacted with any members and/or Council within the past twelve (12) meaning indicate person(s):	onths?
NOT	E: Attach additional sheets if necess	ary.	
l cer	tify that all the above information is tru	ue and correct to the best of my knowledge.	
Sign	ature of owner/date	Signature of applicant/date	-
Print	or type name of owner	Print or type name of applicant	-
Sign	ature of owner/applicant's agent if app	plicable/date	
 Drint	or type name of owner/applicant's ac	nent	

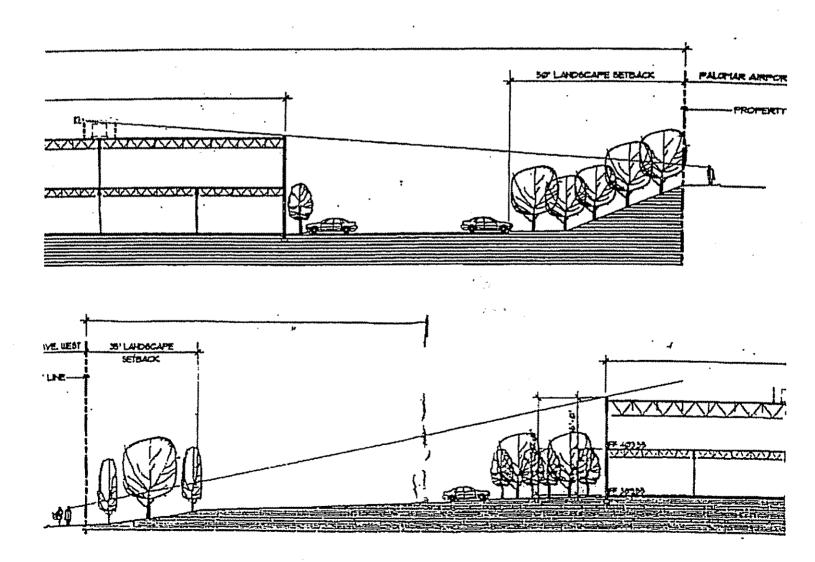
## PROJECT DESCRIPTION/EXPLANATION

PROJECT NAME:	
APPLICANT NAME:	
Please describe fully the proposed project by application type. Include any details adequately explain the scope and/or operation of the proposed project. You may also background information and supporting statements regarding the reasons for, or appropriate the application. Use an addendum sheet if necessary.	o include any
Description/Explanation:	

#### SCREENING OF EQUIPMENT:

Exterior components of pluming, processing, heating, cooling, and ventilating systems (including but not limited to piping, tanks, stacks, collectors, heating, cooling, and ventilating equipment fans, blowers, ductwork, vents, louver, meters, compressor, motors, incinerators, ovens, etc...) shall not be directly visible from a height of five feet above any ground or ground floor elevation at a distance closer than 500 feet from the closest building wall on any lot. Please provide a display of proper screening material and/ or parapet wall on site plan. See example below.

#### EXAMPLE OF SCREENING MATERIAL DISPLAY:



# TABLE NO. A-III-A-1 MINIMUM REQUIRED FIRE FLOW AND FLOW DURATION FOR BUILDINGS

FIRE AREA (square feet)					Free Flow (gallons per minute)	Flow Duration (hours)
Type I-F.R. II-F.R. <sup>1</sup>	Type II One-HR III One- HR <sup>1</sup>	Type IV-H.T. V-One- HR <sup>1</sup>	Type II-N III-N <sup>1</sup>	Type V-N <sup>1</sup>		
22,700 30,200 38,700 48,300 59,000 70,900	12,700 17,000 21,800 24,200 33,200 39,700	8,200 10,900 12,900 17,400 21,300 25,500	5,900 7,900 9,800 12,600 15,400 18,400	3,600 4,800 6,200 7,700 9,400 11,300	1,500 1,750 2,000 2,250 2,500 2,750	2
83,700 97,700 112,700 128,700	47,100 54,900 63,400 72,400	30,100 35,200 40,600 46,400	21,800 25,900 29,300 33,500	13,400 15,600 18,000 20,600	3,000 3,250 3,500 3,750	3
145,900 164,200 183,400 203,700 225,200 247,700 271,200 295,900 Greater	82,100 92,400 103,100 114,600 126,700 139,400 152,600 166,500 Greater	52,500 59,100 66,000 73,300 81,100 89,200 97,700 106,500 115,800 125,500 135,500 145,800 156,700 167,900 179,400 191,400 Greater	37,900 42,700 47,700 53,000 58,600 65,400 70,600 77,000 83,700 90,600 97,900 106,800 113,200 121,300 129,600 138,300 Greater	23,300 26,300 29,300 32,600 36,000 39,600 43,400 47,400 51,500 55,700 60,200 64,800 69,600 74,600 79,800 85,100	4,000 4,250 4,500 4,750 5,000 5,250 5,500 5,750 6,000 6,250 6,500 6,750 7,000 7,250 7,500 7,750 8,000	4

Types of construction are based upon the Building Code

1



#### HAZARDOUS WASTE AND SUBSTANCES STATEMENT

Consultation Of Lists of Sites Related To Hazardous Wastes (Certification of Compliance with Government Code Section 65962.5)

Pursuant to State of California Government Code Section 65962.5, I have consulted the Hazardous Waste and Substances Sites List compiled by the California Environmental Protection Agency and hereby certify that (check one): The development project and any alternatives proposed in this application are not contained on the lists compiled pursuant to Section 65962.5 of the State Government Code. The development project and any alternatives proposed in this application are contained on the lists compiled pursuant to Section 65962.5 of the State Government Code. **APPLICANT** PROPERTY OWNER Name:\_\_\_\_\_ Address: Address: Phone Number: Phone Number: Address of Site: \_\_\_\_\_\_\_\_ Local Agency (City and County): Assessor's book, page, and parcel number: Specify list(s):\_\_\_\_\_\_ Regulatory Identification Number: Date of List: Property Owner Signature/Date Applicant Signature/Date



Admin/WebPage\Applications

The Hazardous Waste and Substances Sites List (Cortese List) is used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites.

Per the California Environmental Protection Agency's website, "While Government Code Section 65962.5 [referred to as the Cortese List] makes reference to the preparation of a "list," many changes have occurred related to web-based information access since [the amended statute's effective date in] 1992 and this information is now largely available on the Internet sites of the responsible organizations. Those requesting a copy of the Cortese "list" are now referred directly to the appropriate information resources contained on the Internet web sites of the boards or departments that are referenced in the statute."

Below is a list of agencies that maintain information regarding hazardous waste and substances sites.

#### **Department of Toxic Substances Control**

www.calepa.ca.gov/sitecleanup/CorteseList/default.htm www.calepa.ca.gov/database/calsites www.envirostor.dtsc.ca.gov/public EnviroStor Help Desk (916) 323-3400

#### **State Water Resources Control Board**

geotracker.waterboards.ca.gov

#### **County of San Diego**

Department of Environmental Health Services www.co.san-deigo.ca.us/deh

Hazardous Materials Division <a href="https://www.sdcounty.ca.gov/deh/hazmat/hazmat\_permits.html">www.sdcounty.ca.gov/deh/hazmat/hazmat\_permits.html</a> Mailing Address:

County of San Diego Department of Environmental Health P.O. Box 129261 San Diego, CA 92112-9261

Call Duty Specialist for technical questions at (619) 338-2231, fax (619) 338-2377

#### **Environmental Protection Agency**

National Priorities Sites ("Superfund" or "CERCLIS") <a href="https://www.epa.gov/superfund/sites/cursites">www.epa.gov/superfund/sites/cursites</a> (800) 424-9346 or (702) 284-8214

National Priorities List Sites in the United States <a href="https://www.epa.gov/superfund/sites/npl/npl.htm">www.epa.gov/superfund/sites/npl/npl.htm</a>